

EAST Search History

EAST Search History (Prior Art)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	982	"contrast agent" with (suspension or suspendible)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2008/07/03 15:31
S2	78	S1 and "604".clas.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2008/07/03 15:31
S3	4	("5935113" "6235003"). PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2008/07/03 15:36
S4	32	("0964730" "1428043" "3373906" "3378168" "3464412" "3760806" "3858853" "4147621" "4596555" "4776704" "4941751" "5030203" "5053019" "5071040" "5246670" "5286257" "5318539" "5330426" "5352036" "5395323" "5716339" "5725500" "5806519" "5891087" "5897530" "6033645" "6177061").PN. OR ("6554792").URPN.	US-PGPUB; USPAT; USOCR	AND	ON	2008/07/03 15:37
S5	33	("1428043" "3373906" "3378168" "3464412" "3760806" "3858853" "4147621" "4596555" "4596555" "4638809" "4776704" "4941751" "5030203" "5053019" "5053019" "5071040" "5246670" "5286257" "5318539" "5330426" "5352036" "5395323" "5716339" "5725500" "5806519" "5891087" "5897530" "5897530" "6033645" "6177061" "0964730").PN.	US-PGPUB; USPAT; USOCR	AND	ON	2008/07/03 15:38

S6	27	("3302834" "3470874" "3472455" "4030665" "4596555" "5030203" "5310540" "5318539" "5328099" "5470311" "5505193" "5520166" "5522378" "5569191" "5660167" "5695741" "5720938" "5806519" "5897530" "5897851" "5935113" "5985246" "6006745" "6235003"). PN. OR ("6770051"). URPN.	US-PGPUB; USPAT; USOCR	AND	ON	2008/07/03 15:39
S7	32	("3302834" "3470874" "3472455" "3760806" "4030665" "4596555" "4638809" "5030203" "5310540" "5318539" "5328099" "5470311" "5505193" "5520166" "5522378" "5569191" "5660167" "5695741" "5720938" "5806519" "5897530" "5897851" "5935113" "5985246" "6006745" "6235003" "6554792" "6770051" "6871087").PN.	US-PGPUB; USPAT; USOCR	AND	ON	2008/07/03 15:40
S8	30	("0964730" "1428043" "3373906" "3378168" "3464412" "3858853" "4147621" "4596555" "4776704" "4941751" "5030203" "5053019" "5071040" "5246670" "5286257" "5318539" "5330426" "5352036" "5395323" "5716339" "5725500" "5806519" "5891087" "5897530" "6033645").PN. OR ("6871087").URPN.	US-PGPUB; USPAT; USOCR	AND	ON	2008/07/03 15:40
S9	22	("1948388" "2515956" "2647514" "2711734" "2939459" "3673411" "3746216" "3749084" "4044758" "4122836" "4190046" "4241728"). PN. OR ("5053019"). URPN.	US-PGPUB; USPAT; USOCR	AND	ON	2008/07/08 14:06

S10	10	("4568335" "4850966" "5246670" "5352036" "5489266" "5603695"). PN. OR ("5725500"). URPN.	US-PGPUB; USPAT; USOCR	AND	ON	2008/07/08 14:07
S11	1216	"contrast agent" with (suspension or mixed or suspendible)	US-PGPUB; USPAT; USOCR	AND	ON	2008/07/08 14:17
S12	1257	"contrast agent" with (suspension or mixed or suspendible or mix)	US-PGPUB; USPAT; USOCR	AND	ON	2008/07/08 14:18
S13	1342	"contrast agent" with (suspension or mixed or suspendible or mix or mixing or suspending)	US-PGPUB; USPAT; USOCR	AND	ON	2008/07/08 14:18
S14	370	S13 and (grooves or channels)	US-PGPUB; USPAT; USOCR	AND	ON	2008/07/08 14:18
S15	18	S13 and (grooves or channels) with (radial or circumferential)	US-PGPUB; USPAT; USOCR	AND	ON	2008/07/08 14:19
S16	4	("4339206").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2008/07/08 14:20
S17	2	("4191480").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2008/07/08 14:20
S18	25	("1637697" "3066920" "3775063" "3785572"). PN. OR ("4191480"). URPN.	US-PGPUB; USPAT; USOCR	AND	ON	2008/07/08 14:21
S19	15	("1637697" "3219483" "3773098" "3802668" "3924989" "4182601" "4191480" "4309160" "4344752" "4408890" "4753535" "5865537"). PN. OR ("6899453"). URPN.	US-PGPUB; USPAT; USOCR	AND	ON	2008/07/08 14:22
S20	38	("2322581" "2354807" "2895819" "2930767" "2983597" "3055763" "3224846" "3617594"). PN. OR ("3773098"). URPN.	US-PGPUB; USPAT; USOCR	AND	ON	2008/07/08 14:23

S21	50	("1626487" "3523906" "3655166" "3691090" "3737337" "3773098" "3773919" "3779518" "3891570" "3960757" "4026817" "4050676" "4221862" "4230630" "4241023" "4334884" "4384975" "4389330" "4530840" "4940588" "5066436" "5076705" "5407609" "5421408" "5478564" "5541172" "5650173" "5654008" "5656299" "5670093" "5688801" "5770231" "5792477" "5871778" "5916598" "5945126" "5965168" "6291013" "6331317" "6395304"). PN. OR ("6540393"). URPN.	US-PGPUB; USPAT; USOCR	AND	ON	2008/07/08 14:23
S22	2	("4264212").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2008/07/08 14:25
S23	2	("5837529").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2008/07/08 14:25
S24	2	("5137369").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2008/07/08 14:26
S25	38	("2815532" "3457342" "3458900" "3469279" "3701619" "3856270" "3881701" "3968307" "4134954" "4197020" "4307054" "4414276" "4869849").PN. OR ("5137369").URPN.	US-PGPUB; USPAT; USOCR	AND	ON	2008/07/08 14:27
S26	38	("2815532").URPN.	USPAT	AND	ON	2008/07/08 14:31
S27	37	("2125245" "3045984" "3377139" "3388868" "3582048" "3593964" "4068830" "4396529"). PN. OR ("4869849"). URPN.	US-PGPUB; USPAT; USOCR	AND	ON	2008/07/08 14:32

S28	27	("3089683" "3526391" "3855368" "3856270" "3941355" "4027857" "4109363" "4124309" "4135180" "4222671" "4305672" "4361407" "4441823" "4514095" "4591274" "4679628" "4869849" "5137369" "5397179" "5516209" "5547281").PN. OR ("5863129").URPN.	US-PGPUB; USPAT; USOCR	AND	ON	2008/07/08 14:33
S29	38	("0128693" "1390096" "1857348" "3018841" "3041051" "3361412" "3693457" "3756570" "3913894" "3941355" "4129624" "4135180" "4441823" "4647212" "4848920" "5137369" "5232283" "5237369" "5460449" "5547281" "5863129" "5928521" "5997283" "6000839" "6033103").PN. OR ("6447158").URPN.	US-PGPUB; USPAT; USOCR	AND	ON	2008/07/08 14:33
S30	7	("2815532" "4560284" "4614440" "5232283"). PN. OR ("5489154"). URPN.	US-PGPUB; USPAT; USOCR	AND	ON	2008/07/08 14:35
S31	36	("20030017252" "2595210" "2797904" "2815532" "2858219" "3064680" "3232590" "3413387" "3792839" "3936382" "4107262" "4212544" "4567050" "4626187" "4758097" "5106240" "5374405" "5556200" "5639485" "5660039" "5853576" "5863587" "5871795" "5919509" "6132079" "6142067" "6170979" "6389838" "7093973"). PN. OR ("7322739"). URPN.	US-PGPUB; USPAT; USOCR	AND	ON	2008/07/08 14:36
S32	36	("1496345" "2125245" "2312639" "3286992" "3544290" "3861652"). PN. OR ("4068830"). URPN.	US-PGPUB; USPAT; USOCR	AND	ON	2008/07/08 14:48

S33	45	("3001914" "3127763"). PN. OR ("3693457"). URPN.	US-PGPUB; USPAT; USOCR	AND	ON	2008/07/08 14:50
S34	33	("2505355" "3051452" "3286992" "3404869" "3583678" "3664638" "3704006" "3785620" "3871624" "3923288" "3989434" "4201480" "4541982" "4614440"). PN. OR ("4848920"). URPN.	US-PGPUB; USPAT; USOCR	AND	ON	2008/07/08 14:50
S35	45	("3286992" "3860217" "3923288" "4208136" "4522504").PN. OR ("4614440").URPN.	US-PGPUB; USPAT; USOCR	AND	ON	2008/07/08 14:51
S36	11	("4039170" "4403863" "4552463" "4560284" "4619531" "4632568" "4801210" "4830505" "4848920").PN. OR ("5368382").URPN.	US-PGPUB; USPAT; USOCR	AND	ON	2008/07/08 14:57
S37	964	mixer and stacked with plates	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2008/07/08 15:02
S38	98	S37 and circumferential	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2008/07/08 15:02
S39	14	S37 and circumferential near2 (groove or channel)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2008/07/08 15:03
S40	5	((("4135510") or ("6447158") or ("199858730"))).PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2008/07/08 15:04
S41	6	((("4135510") or ("6447158") or ("1998058730"))).PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2008/07/08 15:06
S42	5	((("4135510") or ("6447158") or ("19980058730"))).PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2008/07/08 15:07
S43	10	("4568335" "4850966" "5246670" "5352036" "5489266" "5603695"). PN. OR ("5725500"). URPN.	US-PGPUB; USPAT; USOCR	AND	ON	2008/07/08 15:20

S44	30	("1060419" "2198861" "2258174" "3290017" "3429654" "3758087" "3823924" "3924807" "4136976" "4640623" "4641974" "4668442" "4928857" "5236262" "5544960" "5690819" "5725500" "5788369" "5829648" "D232238" "D331793").PN. OR ("6379032").URPN.	US-PGPUB; USPAT; USOCR	AND	ON	2008/07/08 15:20
S45	4	((("6257573") or ("4262904"))).PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2008/07/08 15:22
S46	19	("0489394" "0531671" "0600696" "0658097" "0876779" "1352517" "3005635" "3552750" "3612533" "3901510" "3924857").PN. OR ("4262904").URPN.	US-PGPUB; USPAT; USOCR	AND	ON	2008/07/08 15:23
S47	2	("876779").URPN.	USPAT	AND	ON	2008/07/08 15:24
S48	3	("3985165").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2008/07/17 11:11
S49	6	("3292667" "3643927"). PN. OR ("3985165"). URPN.	US-PGPUB; USPAT; USOCR	AND	ON	2008/07/17 11:11
S50	50	("3206170" "3526391" "3623704" "3701619" "3782694").PN. OR ("3856270").URPN.	US-PGPUB; USPAT; USOCR	AND	ON	2008/07/17 11:17
S51	15	("2890868" "3206170" "3526391" "3582048" "3623704" "3701619"). PN. OR ("3782694"). URPN.	US-PGPUB; USPAT; USOCR	AND	ON	2008/07/17 11:18
S52	2	((("20080015543") or ("20060816082") or ("20070821680"))).PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2008/07/17 12:41
S53	2	("6354729").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2008/07/17 12:47

S54	39	("0128693" "1390096" "1857348" "3018841" "3041051" "3361412" "3693457" "3756570" "3913894" "3941355" "4129624" "4135180" "4441823" "4647212" "4848920" "5137369" "5232283" "5237369" "5460449" "5547281" "5863129" "5928521" "5997283" "6000839" "6033103").PN. OR ("6447158").URPN.	US-PGPUB; USPAT; USOCR	AND	ON	2009/01/30 13:38
S55	51	("3206170" "3526391" "3623704" "3701619" "3782694").PN. OR ("3856270").URPN.	US-PGPUB; USPAT; USOCR	AND	ON	2009/01/30 13:42
S56	37	("2125245" "3045984" "3377139" "3388868" "3582048" "3593964" "4068830" "4396529"). PN. OR ("4869849"). URPN.	US-PGPUB; USPAT; USOCR	AND	ON	2009/01/30 13:42
S57	40	("2815532" "3457342" "3458900" "3469279" "3701619" "3856270" "3881701" "3968307" "4134954" "4197020" "4307054" "4414276" "4869849").PN. OR ("5137369").URPN.	US-PGPUB; USPAT; USOCR	AND	ON	2009/01/30 13:43
S58	15	("2890868" "3206170" "3526391" "3582048" "3623704" "3701619"). PN. OR ("3782694"). URPN.	US-PGPUB; USPAT; USOCR	AND	ON	2009/01/30 13:43
S59	19	("2422809" "2460831" "2460964" "3605183"). PN. OR ("4135180"). URPN.	US-PGPUB; USPAT; USOCR	AND	ON	2009/01/30 13:43
S60	51	("0582530" "0589708" "1391364" "1427924" "1915867" "1947586" "2470282" "2693391" "3298197" "3682443" "3782694" "3856270" "4226368" "4340311" "4501501" "4715395" "4967440" "5127123"). PN. OR ("5327941"). URPN.	US-PGPUB; USPAT; USOCR	AND	ON	2009/01/30 13:45

S61	21	("2835481" "3266780" "3701619" "3856270" "4018426" "4299655"). PN. OR ("4560284"). URPN.	US-PGPUB; USPAT; USOCR	AND	ON	2009/01/30 13:45
S62	21	("2835481" "3266780" "3701619" "3856270" "4018426" "4299655"). PN. OR ("4560284"). URPN.	US-PGPUB; USPAT; USOCR	AND	ON	2009/01/30 14:13
S63	34	("3701619").URPN.	USPAT	AND	ON	2009/01/30 14:14
S64	12494	static with mix\$3	USPAT	AND	ON	2009/01/30 14:15
S65	9233	static near mix\$3	USPAT	AND	ON	2009/01/30 14:15
S66	391	static near mix\$3 with plate	USPAT	AND	ON	2009/01/30 14:15
S67	22	static near mix\$3 with plate with channels	USPAT	AND	ON	2009/01/30 14:15
S68	2	("6354729").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2009/02/02 07:35
S69	25	(US-20050215954-\$ or US- 20010018571-\$ or US- 20010056256-\$ or US- 20030105423-\$ or US- 20040260242-\$).did. or (US-6554792-\$ or US- 6770051-\$ or US-6871087- \$ or US-5053019-\$ or US- 5725500-\$ or US-6899453- \$ or US-5137369-\$ or US- 3856270-\$ or US-4869849- \$ or US-5863129-\$ or US- 6447158-\$ or US-7322739- \$ or US-5368382-\$ or US- 0876779-\$ or US-3811676- \$ or US-3985165-\$ or US- 3782694-\$ or US-6354729- \$ or US-4135180-\$ or US- 4560284-\$).did.	US-PGPUB; USPAT	AND	ON	2009/06/02 09:56
S70	5	S69 and (pit or pore or irregularity or irregularities)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2009/06/02 09:57

8/ 4/ 2009 1:46:19 PM

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